

C-111 Spreader Canal Project

Termination of South Florida Aquaculture, Inc. Lease Agreement

**Project & Lands Committee Meeting
September 10, 2009**

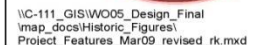
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Assistant Deputy Executive Director
Everglades Restoration and Capital Projects



Project Objectives

- Restore the quantity, timing and distribution of water delivered to Florida Bay via Taylor Slough





Project Features

Proposed Construction
by SFWMD

C-111 Federal Project:
Frog Pond Detention Area

Pump Station
S-200

Florida
City

SW 376TH ST

Loveland
Slough

S-175

Pump Station
S-199

Cell 3
Cell 2
Cell 1

SR 9336

S-178

S-177

Fish Farm

Aerojet Canal
Components

L31W

East West Borrow Canal

C-111

C-110 Canal Plugs

1

CARD SOU

Taylor Slough

Aerojet
Canal

S-18C

Proposed Control
Structure S-198

Construct in later phases
by USACE

C-111

S-19

Construction Contracts

- **Frog Pond Detention Area**
 - Palm Beach Grading, Inc.
 - \$10,800,000
- **Pump Stations S-199 & S-200**
 - Wright Construction Group
 - \$7,149,000
- **Aerojet, C-110 and L-31E Canal Modifications**
 - GlobeTec, Inc.
 - \$6,980,000

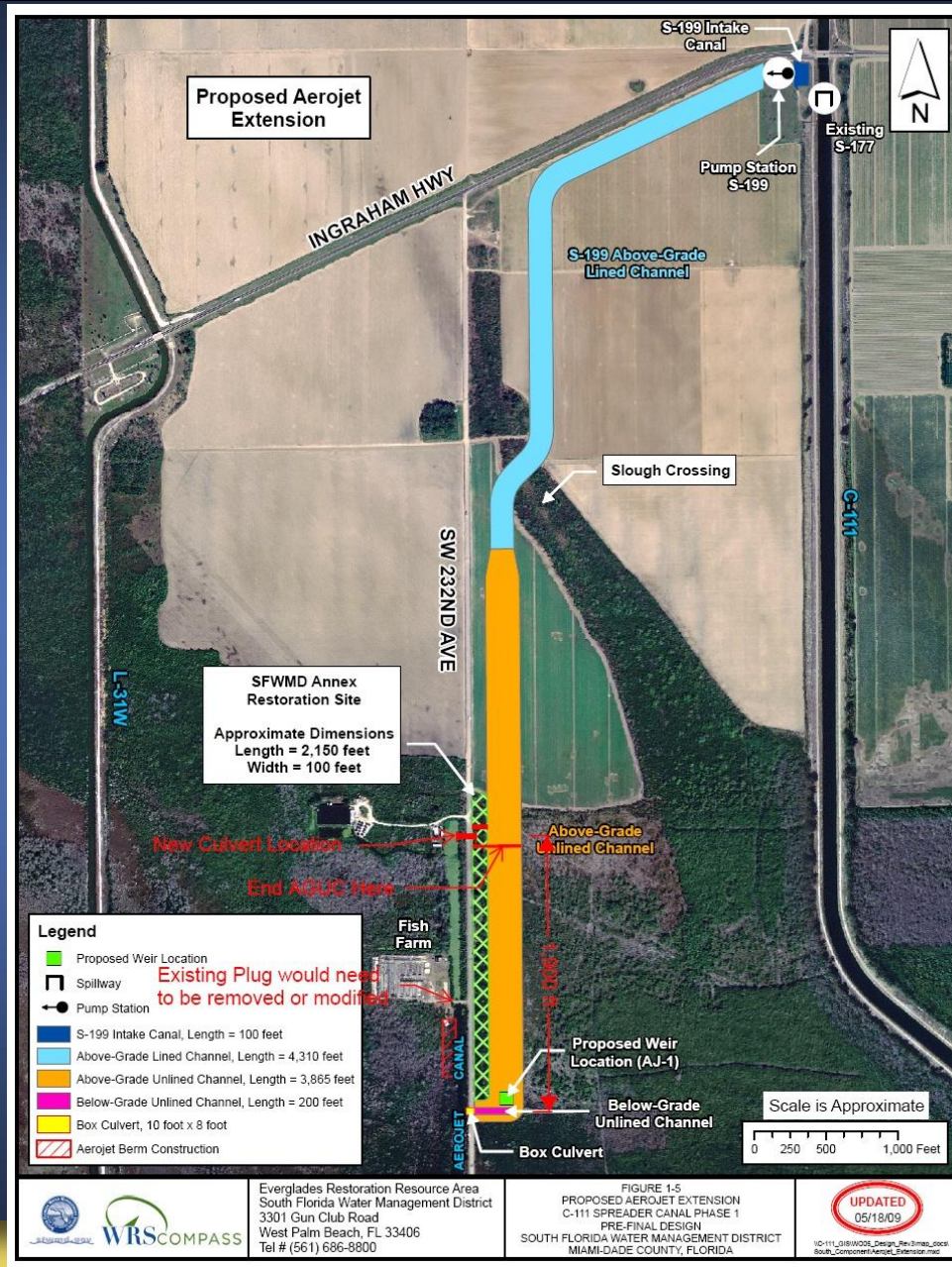


Fish Farm

■ Lease Contract C-7335

- 48.39 ac.
- April, 1996 – March 2016
- Annual Rent: \$2,224
 - Plus Productivity Payment based on sales

- Use and configuration conflicts with proposed design
- Water quality issues
- Potential restrictions to operations based on land elevations and proposed water levels
- Staff recommends lease termination



Conflict with Existing Facility

Alternative Design
(Less Cost)

Current Design

Alternative design savings
~ \$350,000 to \$600,000



Potential Water Quality Issues

Proposed Construction
by SFWMD

C-111 Federal Project:
Frog Pond Detention Area

Pump Station
S-200

City

SW 376TH ST

MAIN PARK RD

Pump Station
S-199

Cell 1
Cell 2
Cell 3

Loveland
Slough

SR 9336

S-178

S-177

Fish Farm

Aerojet Canal
Components

L31W

C-111

C-111E

C-110 Canal Plugs

1

CARD SOU

Taylor Slough

West Borrow Canal

Aerojet Canal

C-111

C-110

Construct in later phases
by USACE

S-18C

S-19

Proposed Control
Structure S-198

C-111

S-19

Increase in Surface Water Levels

Fish Farm

9336

821

997

5

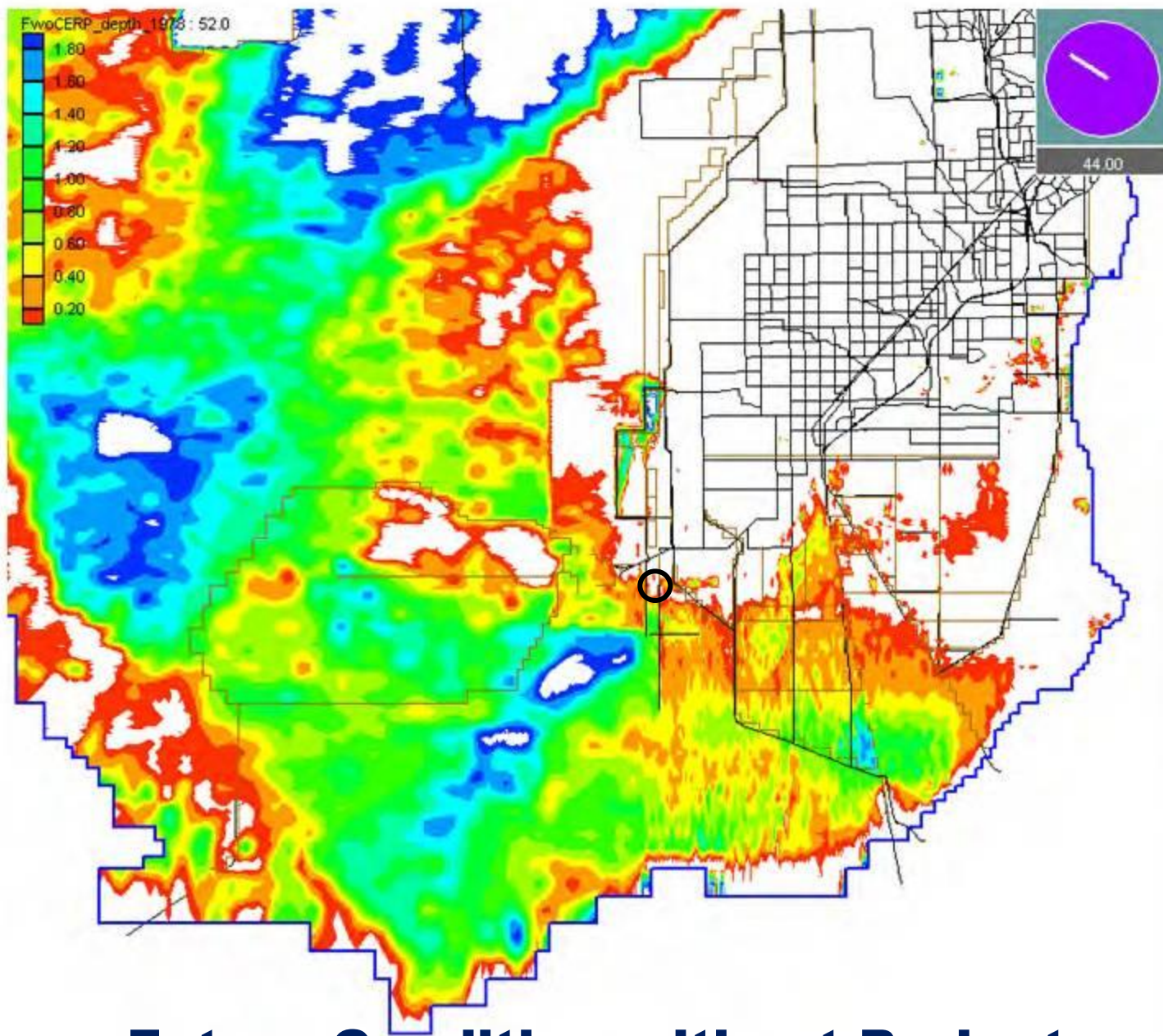
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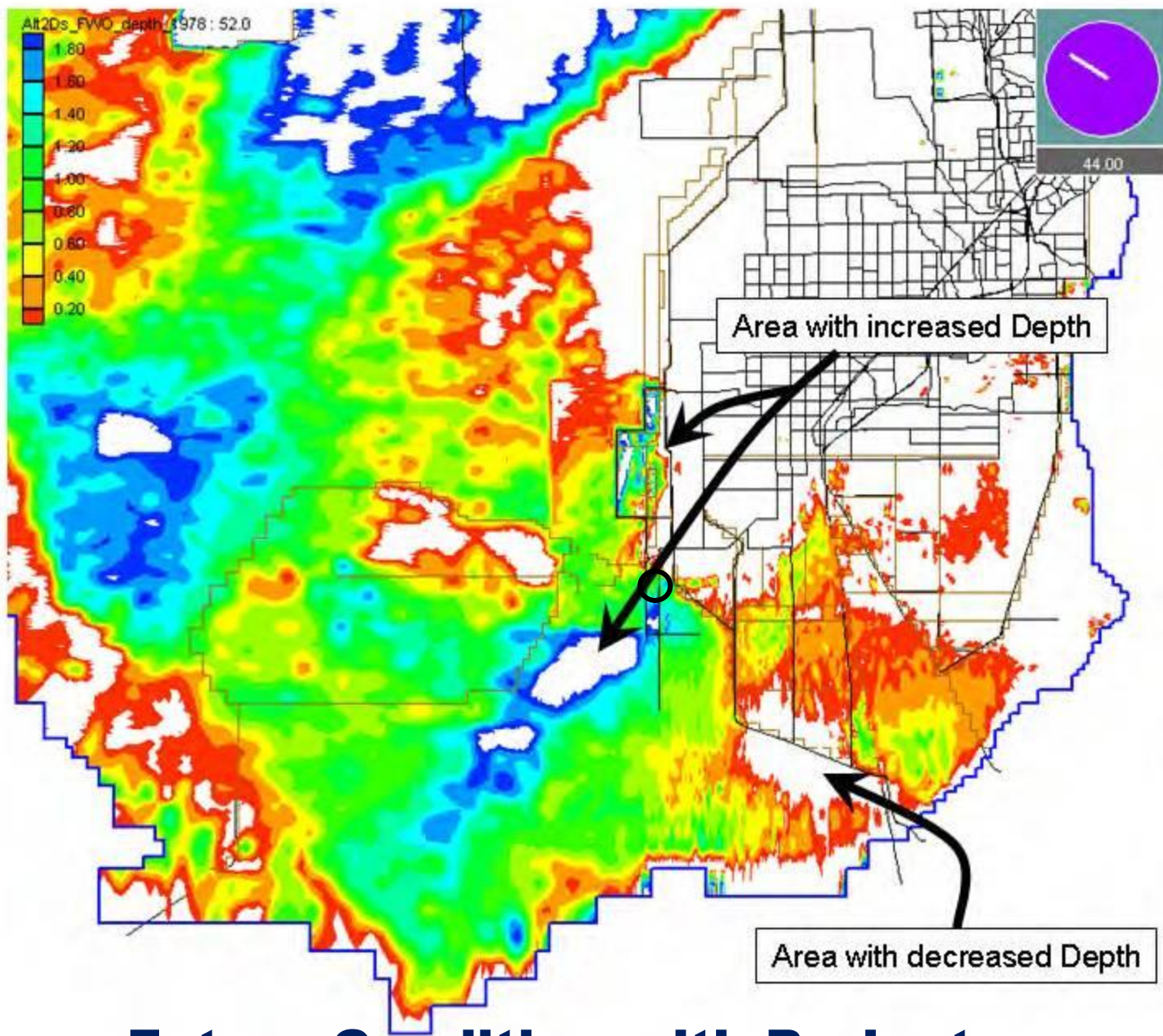
2009 Miami-Dade County Aerial Photography

Streaming 100%

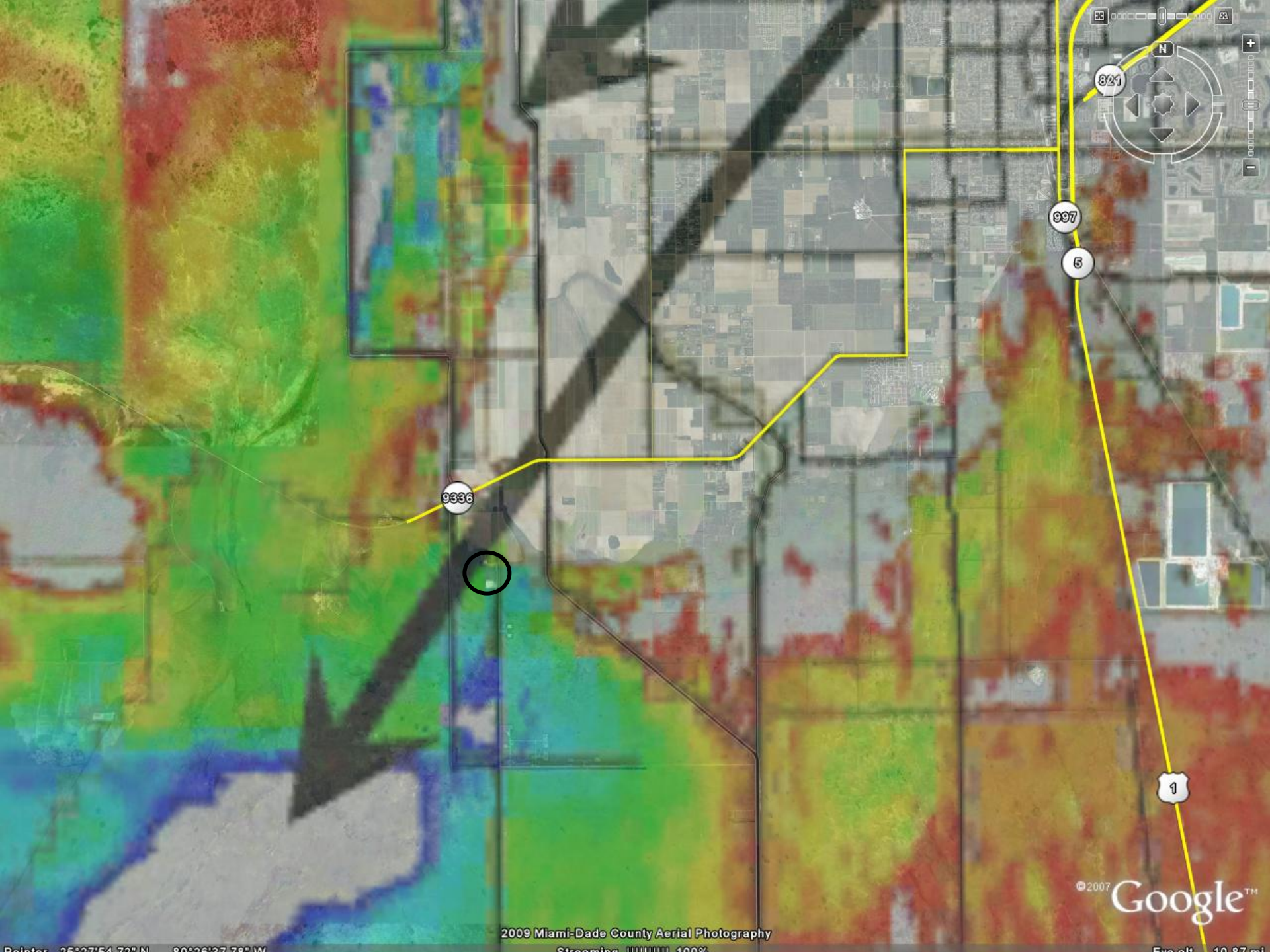
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Future Condition without Project



Future Condition with Project



Staff Recommendation

- The C-111 Spreader Canal Restoration Plan has been developed, permitted and is ready to begin construction
- Continued operation of the fish farm and the potential expansion of production is not compatible with restoration operations
- Staff recommends termination of the lease



Discussion

